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Yabancı Diller

Türkçe, C1 İleri

Urdu, C1 İleri

Yaptığı Tezler

Yüksek Lisans, "benzilaminopurinin (BAP) farklı dozlarının *Allium tuncelianum*'un mini soğanlarından bitki gelişimine olan etkilerinin belirlenmesi" / Determination of the effects of different doses of benzylaminopurines (BAP) on plant development and bulb formation from daughter bulblets of *Allium tuncelianum*, Yozgat Bozok Üniversitesi, Kenevir Araştırma Enstitüsü, -, 2024

Doktora, Japonica, javanica ve indica tipi çeltik çeşitlerinde hetero ve ototoksikite etkilerinin belirlenmesi Determination of hetero and autotoxicity effects in some japonica, javanica and indica types of rice cultivars, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2023

Doktora, Tescilli haşhaş çeşitlerinde (*Papaver somniferum* L.) androgenesis yoluyla haploid bitki eldesi / Haploid plant obtaining through androgenesis in registered poppy varieties (*Papaver somniferum* L.), Tokat Gaziosmanpaşa Üniversitesi, fen bilimleri, 2022

Yüksek Lisans, In vitro koşullarda bazı yerel kenevir (*Cannabis sativa* L.) popülasyonlarının çoğaltımı / In vitro conditions some local cannabis (*Cannabis sativa* L.)reproduction of populations, Uşak Üniversitesi, Lisansüstü Eğitim Enstitüsü, 2021

Doktora, Arap sümbülü (*Muscari neglectum* Guss.) bitkisinin in vitro kültüründe nekrozu önlemek için yavaş hormon salınımı yapan biyomateryal bazlı taşıyıcı sistemlerinin geliştirilmesi / Development of biomaterial based carrier systems for the slow release of hormones to prevent necrosis during in vitro culture of grape hyacinth (*Muscari neglectum* Guss.), Ankara Üniversitesi, Biyoteknoloji Enstitüsü, Biyoteknoloji Anabilim Dalı, 2020

Doktora, Bazı tescilli arpa çeşitleri ile *hordeum spontaneum* melezlerinden in vitro koşullarda double haploid bitki elde edilmesi / Production of barley double haploids using *hordeum spontaneum* into some certified barley cultivars hybrids under in vitro conditions, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2017

Doktora, Türkiye'de bazı önemli çeltik çeşitlerinde herbisitlere karşı dirençlilik gen aktarımı çalışmaları / Genetic transformation studies with herbicide resistant genes on some important Turkish rice cultivars, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2016

Doktora, Türkiye'de yaygın olarak yetiştirilen iki bakla (*Vicia faba* L.) çeşidinin mikroçoğaltımı ve *Agrobacterium tumefaciens* aracılığıyla SN19 (*cryIBa/cryIIa*) hibrid geninin aktarılması / Micropropagation of two commonly grown broad bean (*Vicia faba* L.) varieties in Turkey and *Agrobacterium tumefaciens* mediated transformation using hybrid gene SN19 (*cryIBa/cryIIa*), Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2016

Doktora, Şeker pancarı (*Beta vulgaris* L.) bitkisinde *agrobacterium* aracılığıyla herbisitlere karşı dirençlilik gen aktarım çalışmaları / *Agrobacterium* mediated genetic transformation of sugar beet (*Beta vulgaris* L.) against herbicide resistance genes, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2016

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Doktora, *Lavandula angustifolia* Miller Subsp. *angustifolia* Miller ve *L. stoechas* L. Subsp. *L. stoechas* bitkilerinde doku kültürü ve gen aktarım çalışmalarının optimizasyonu / Optimisation of tissue culture and genetic transformation in *Lavandula angustifolia* Miller Subsp. *angustifolia* Miller and *L. stoechas* L. Subsp. *L. stoechas*, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2011

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Yüksek Lisans, Farklı kolkisin dozlarının akvaryum bitkisi gül (*Ludwigia repens* Forster)'de kromozom katlanmasına etkileri / Use of different colchicine doses for effect of chromosome duplication in an aquarium plant, waterpurslane (*Ludwigia repens* Forster), Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 2008

Doktora, Mercimek (*Lens culinaris* Medik)'te doku kültürü çalışmaları ve *Agrobacterium tumefaciens* aracılığıyla gen aktarımı / Tissue culture and gene transfer by *Agrobacterium tumefaciens* in lentil (*Lens culinaris* Medik), Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü (Döner Sermaye), 2001

Araştırma Alanları

Tarımsal Bilimler, Sağlık Bilimleri, Temel Bilimler

Akademik Unvanlar / Görevler

Öğretim Görevlisi Dr., Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, biyoteknoloji, 2002 - 2005

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Yozgat Bozok Üniversitesi, Kenevir Araştırma Enstitüsü, -, 2024 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Decoding genetic diversity and population structure of Brassica species by inter primer binding site (iPBS) retrotransposon markers**
Sameeullah M., KAYAÇETİN F., KHAVAR K. M., Perkasa A. Y., Maesaroh S., Waheed M. T., Çiftçi V.
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- In Vitro Micropropagation of *Fritillaria imperialis* and *F. persica* using Different Portions of Leaf as Explant**
Kizil S., KHAVAR K. M., Sesiz U.

Pakistan Journal of Agricultural Sciences, cilt.61, sa.3, ss.757-763, 2024 (SCI-Expanded)

- III. **The Effect of H3 B03 and 2,4-D on in vitro Callus and Somatic Embryo Formation of Bitter Melon (*Momordica charantia* L.)**
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- IV. **EVIDENCE OF EFFICIENT in vitro MICROPROPAGATION FROM BULB SCALES OF STARCH GRAPE HYACINTH (*Muscari neglectum* Guss. Ex. Ten.) EFIKASNA in vitro MIKROPROPAGACIJA IZ LUKOVICE SKROBNOG ZUMBULA (*Muscari neglectum* Guss. Ex. Ten.)**
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- V. **Artificial neural network modeling for deciphering the in vitro induced salt stress tolerance in chickpea (*Cicer arietinum* L)**
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- VI. **DETERMINATION OF THE GROWTH AND YIELD TRAITS OF SOME MUSTARD SPECIES UNDER SEMI-ARID CENTRAL ANATOLIAN CONDITIONS ODREDIVANJE OSOBINA RASTA I PRINOSA NEKIH VRSTA SLAČICA U POLUSUŠNIM USLOVIMA CENTRALNE ANADOLIJE**
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- VII. **Estimation of Alfalfa (*Medicago sativa* L.) yield under RCP4.5 and RCP8.5 climate change projections with ANN in Turkey**
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- VIII. **Genetic transformation of common beans (*Phaseolus vulgaris* L.) through *Agrobacterium tumefaciens* carrying *Cry1Ab* gene**
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Molecular Biology Reports, cilt.49, sa.7, ss.7195-7203, 2022 (SCI-Expanded)
- IX. **Rediscovering the Potential of Multifaceted Orphan Legume Grasspea- a Sustainable Resource With High Nutritional Values**
Ramya K., Tripathi K., Pandey A., Barpete S., Gore P. G., Raina A. P., KHAVAR K. M., Swain N., Sarker A.
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- X. **Newly isolated sporopollenin microcages from *Cedrus libani* and *Pinus nigra* as carrier for Oxaliplatin; xCELLigence RTCA-based release assay**
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- XI. **A Comparison of Genomic DNA Extraction Protocols in *Artemisia annua* L. for Large Scale Genetic Analyses Studies**
Valizadeh N., Holasou H. A., Mohammadi S. A., KHAVAR K. M.
Iranian Journal of Science and Technology, Transaction A: Science, cilt.45, sa.5, ss.1587-1595, 2021 (SCI-Expanded)
- XII. **Current trends and challenges in the synthesis and applications of chitosan-based nanocomposites for plants: A review**
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- XIII. **Effect of cooking methods on protein content and neurotoxin (β -ODAP) concentration in grass pea (*Lathyrus sativus* L.) grains Efecto de los métodos de cocción sobre el contenido de proteínas y la concentración de neurotoxinas (β -ODAP) en los granos de guisante [chícharo, arveja] (*Lathyrus sativus* L.)**
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- XIV. **Evaluation of toxicity levels of micronutrient strengths on regeneration of grass pea under in vitro conditions**

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- XVII. **In vitro approaches for shortening generation cycles and faster breeding of low β -N-oxalyl-L- α , β -diaminopropionic acid content of grass pea (*Lathyrus Sativus* L.)**
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- XVIII. **Production of novel chia-mucilage nanocomposite films with starch nanocrystals; An inclusive biological and physicochemical perspective**
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- XX. **In vitro propagation and volatile compound characterization of *Lavandula stoechas* L. subsp. *stoechas*-an economically important source of essential oil**
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- XXI. **Breaking of seed dormancy in *iris suaveolens* boiss. Et reuter under in vitro conditions**
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- XXII. **Determination of Volatile Components in *Thymus vulgaris* L. under in vitro Conditions**
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- XXIV. **Phytochemical profiling of volatile components of *Lavandula angustifolia* Miller propagated under in vitro conditions**
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- XXV. **Introduction of endemic *Allium tuncelianum* Kollman from hot and temperate climate to semi-arid climatic conditions**
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- XXVIII. **Improved in vitro propagation of *Hyacinthus orientalis* L. using fruits containing immature zygotic embryos and tender leaf sheath as explants** Ulepszone rozmnażanie in vitro *Hyacinthus orientalis* L. przy użyciu owoców zawierających niedojrzałe zarodki zygotyczne oraz pochwy liściowej jako eksplantów
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- XXXI. **Effects of plant growth regulators on lentil (*Lens culinaris* Medik.) cultivars**
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- XXXV. **In vitro micropropagation from immature embryos of the endemic and endangered *Muscari muscarimi* Medik**
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- XXXIX. **Direct bulblet regeneration from *Sternbergia fischeriana* (Herb.) Rupr. bulb scale explants**
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- XL. **The effects of plant growth regulators and incubation temperatures on germination and bulb formation of *Fritillaria persica* l.**
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- XLI. **Plant biotechnology**

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- XLII. **Production of herbicide-resistant cowpea (*Vigna unguiculata* L.) transformed with the bar gene**
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- XLIV. **Adventitious shoot regeneration of the medicinal aquatic plant water hyssop (*Bacopa monnieri* L. Pennell) using different internodes**
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- XLV. **Comparative studies on the competence of axillary shoot regeneration on unsliced and longitudinally sliced cotyledon nodes of vigna unguiculata Vigna unguiculata bitkisinde dilimlenmemiş ve dikey dilimlenmiş kotiledon boğum eksplantların sürgün rejenerasyonuna etkileri**
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- XLVI. **Direct axillary shoot regeneration from the mature seed explant of the hairy vetch (*Vicia villosa* Roth)**
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- XLVII. **Efficient in vitro propagation from preconditioned embryonic axes of turkish cowpea (*Vigna unguiculata* L.) cultivar Akkiz**
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- XLVIII. **Determination of the best blackberry cultivar using various statistical techniques**
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- LI. **Adaptation of endemic mediterranean *Sternbergia candida* Mathew Et T. Baytop in the continental climate of central anatolia**
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- LII. **In vitro propagation of the golden grape hyacinth (*muscaria macrocarpum* sweet) from twin scale explants**
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- LIV. **In vitro plant regeneration from Turkish Narbon Vetch (*Vicia narbonensis* L. var. *narbonensis* L.)**
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- LV. **In vitro plant regeneration from turkish grasspea (*lathyrus sativus* l.) using immature zygotic**

embryo explant

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- LVI. **In vitro micropropagation of garden thyme (*thymbra spicata* l. var. *Spicata* l.) collected from southeastern turkey using cotyledon node**
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- LVII. **Full blooming stage is suitable for herbage yield and essential oil content of summer savory (*satureja hortensis* l.)**
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